

## **COMMUNICATING MESSAGE WITH TYPE, OBJECT AND IDENTIFIERS FROM BUSINESS APPLICATION TO SERVICE APPLICATION**

### Abstract of the Disclosure

Generally, in a computer system (901/902), a first computer (901) executes a business application (BA, 201) to represent components of an apparatus by corresponding objects and to relate the objects in a type-object hierarchy. A message generator (MG, 101) receives type-object hierarchy information from the application (201) and provides a message (105) with a type chain (1x) and an object chain (2x). Both chains (1x, 2x) in combination identify a target object that corresponds to a target component of the apparatus. A second computer (902) with a message interpreter (102) parses both chains (1x, 2x) to provide identification of the target component as well as identification of parent components with type and objects. The second computer (901) presents (951) type-object hierarchy information to a first user (M) by adding type statements in a first natural language; the second computer (902) presents (952) type identification to a second user (T) in a second natural language.